

1 ABSTRACT OF THE DISCLOSURE

2 In one aspect, the invention provides a method of forming an
3 electrical connection in an integrated circuitry device. According to one
4 preferred implementation, a diffusion region is formed in semiconductive
5 material. A conductive line is formed which is laterally spaced from
6 the diffusion region. The conductive line is preferably formed relative
7 to and within isolation oxide which separates substrate active areas.
8 The conductive line is subsequently interconnected with the diffusion
9 region. According to another preferred implementation, an oxide
10 isolation grid is formed within semiconductive material. Conductive
11 material is formed within the oxide isolation grid to form a conductive
12 grid therein. Selected portions of the conductive grid are then removed
13 to define interconnect lines within the oxide isolation grid. According
14 to another preferred implementation, a plurality of oxide isolation
15 regions are formed over a semiconductive substrate. Conductive material
16 is formed which is received within at least one of the isolation regions.
17 In one preferred implementation, a silicon-on-insulator (SOI) substrate
18 is utilized to support integrated circuitry which is formed utilizing the
19 methodical aspects of the invention. In another preferred
20 implementation, other substrates, such as conventional bulk substrates are
21 utilized.

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